

21/4/05

Description

<Title of the Invention>

COMMUNICATION TERMINAL

- This application is a 371 of PCT/JP03/12908 10/08/2003

<Technical Field>

The present invention relates to a communication terminal having foldable casings, and in particular to a casing structure of a communication terminal equipped with an antenna for transmitting/receiving a radio signal.

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<Background Art>

A first example of a prior art foldable communication terminal is one described in Patent Document 1. The prior art foldable communication terminal is described below referring to drawings. Fig. 20 shows the structure of a prior art communication terminal and the principle of operation of the antenna provided thereon. Fig. 20A shows a state where the casings are closed and Fig. 20B a state where the casings are opened. In Figs. 20A and 20B, the communication terminal includes a first casing 202 connected to a telescopic antenna 201 and a second casing 203 positioned on the side of the antenna, the second casing including a metal material or a material including a metal, the first and second casings 202, 203 interconnected. The communication terminal is designed so that the high-frequency current flowing through the first casing 202 where the antenna 201 is equipped will also flow into the second casing 203. The directions of the currents are shown by arrows G, H, I and J.

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